



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08L 67/02, C09D 167/02, B05D 1/26	A1	(11) International Publication Number: WO 97/44394 (43) International Publication Date: 27 November 1997 (27.11.97)
(21) International Application Number: PCT/US97/08356 (22) International Filing Date: 16 May 1997 (16.05.97) (30) Priority Data: 08/649,480 17 May 1996 (17.05.96) US (60) Parent Application or Grant (63) Related by Continuation US 08/649,480 (CIP) Filed on 17 May 1996 (17.05.96) (71) Applicant (for all designated States except US): THE DEX- TER CORPORATION [US/US]; One East Water Street, Waukegan, IL 60085 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SCHMID, Christian [CH/CH]; Hummelbergstrasse 21, CH-8645 Jona (CH). JUNG, Rolf [CH/CH]; alte Landstrasse 70, CH-8706 Meilen (CH). WIDMER, Hans [CH/CH]; Sunnehof, CH-8633 Wolfhausen-Bubikon (CH). LU, Martin [CN/US]; 1041 Concord Circle, Mundelein, IL 60060 (US). JIMENEZ, Artemio [US/US]; 5842 Concord Court, Hanover Park, IL 60103 (US). SHARP, Louis [US/US]; 733 North St.		Mary's Road, Libertyville, IL 60048 (US). POSTLE, Stephen [GB/US]; 347 Robincrest Lane, Lindenhurst, IL 60046 (US). (74) Agent: NAPOLI, James, J.; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 South Wacker Drive, Chicago, IL 60606 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: POLYESTER COMPOSITIONS AND USE THEREOF IN EXTRUSION COATING		
(57) Abstract <p>Solid extrusion coating compositions for metal substrates, a method of extrusion coating a metal substrate, and a metal article are disclosed. The extrusion coating composition is a thermoplastic material and comprises: (a) a polyester having a weight average molecular weight of 10,000 to 50,000 and optionally, (b) a modifying resin, selected from epoxy resins having an epoxy equivalent weight of 500 to 15,000, acrylic resins or polyolefin resins. The extrusion coating composition is applied to a metal substrate in an extrusion process to provide a composition film having a thickness of about 1 to about 40 microns.</p>		

